

STEREO MOC Status Report
Time Period: 2019:294 - 2019:300

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 296, during the DSS-65 support, the transmitter was declared red due to a Remote Site Manager (RMS-16) power issue. This anomaly resulted in the loss of 150 minutes of command and tracking data. See DR# M111828 for more information.
- On day 297, during the DSS-43 support, turbo decoder lock was lost briefly at 298-0010z. This anomaly resulted in the loss of 167 frames of SSR data.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- On day 295, the 50th SECCHI stepped calibration was executed at 1525z for perihelion in the Ahead orbit. This was the 19th SECCHI stepped calibration roll to be conducted without gyro use.
- On day 300, the SECCHI instrument reset at 05:17:25z. The SECCHI team reconfigured the instrument to operational mode by 300-0841z. This was the 56th reset of the SECCHI instrument on the Ahead observatory.
- The average daily science data return for Ahead was 5.9 Gbits during this week.